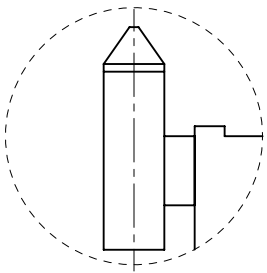


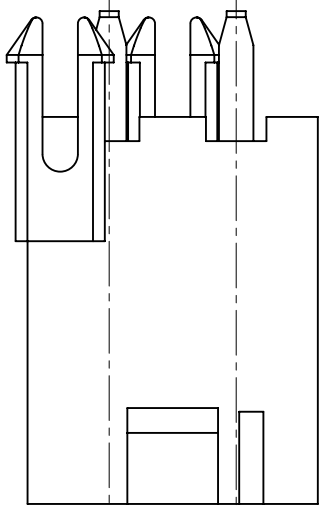
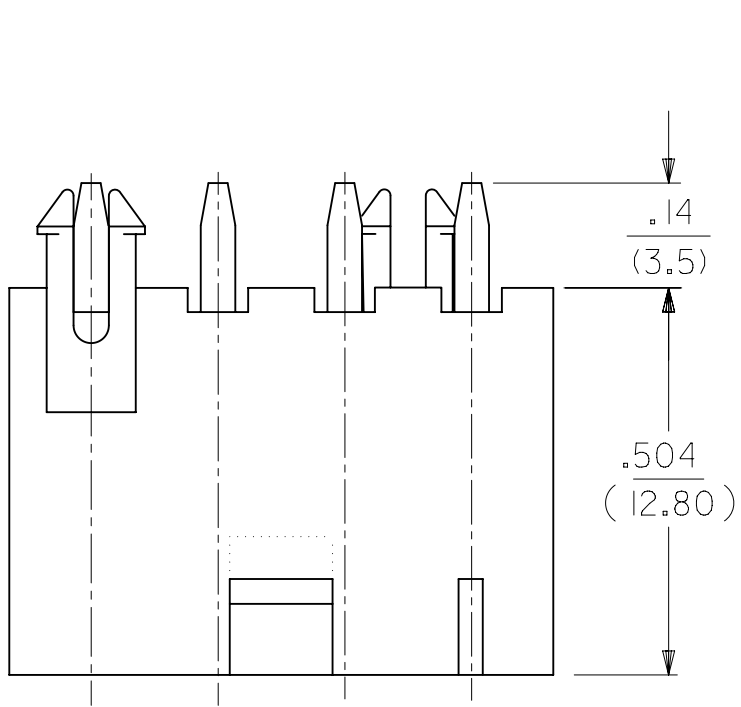
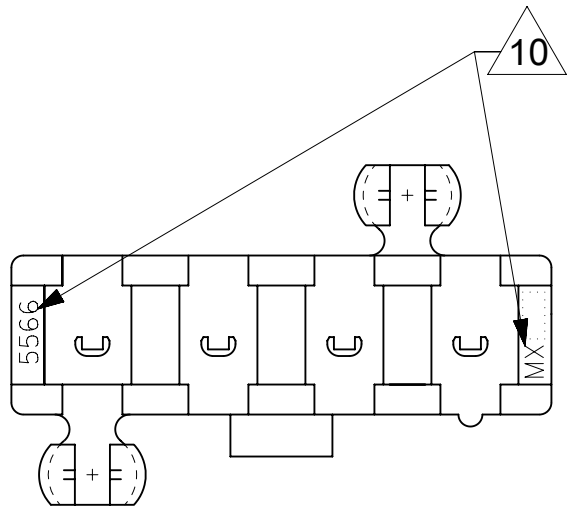
NOTES:
1. MATERIALS:
HOUSING:
"BLANK"=NYLON 6/6, UNFILLED UL94 V-2, COLOR: NATURAL
"210"=NYLON 6/6, UNFILLED UL94 V-0, COLOR: NATURAL
"BL"=NYLON 6/6, UNFILLED UL94 V-2, COLOR: BLACK
"400"=NYLON 6/6, UNFILLED UL94 V-0, COLOR: BLACK
TERMINALS:
BRASS
2. TERMINAL PLATING:
"BLANK"=.000035/(0.00090) MIN. REFLOWED MATTE TIN OVER
.000020/(0.00050) MIN. COPPER (PREPLATE)
(FINISH IS BRIGHT IN APPEARANCE, THICKNESS AS
APPLIED PRIOR TO REFLOW)
GS2=.000015/(0.00038) MIN. SELECT GOLD AND
.000100/(0.00254) MIN. SELECT MATTE TIN
OVER .000050/(0.00127) MIN. NICKEL OVERALL
GS=.000030/(0.00076) MIN. SELECT GOLD AND
.000100/(0.00254) MIN. SELECT MATTE TIN
OVER .000050/(0.00127) MIN. NICKEL OVERALL
S=.000100/(0.00254) MIN. BRIGHT TIN OVER
.000050/(0.00127) MIN. NICKEL
MS=.000100/(0.00254) MIN. MATTE TIN OVER
.000050/(0.00127) MIN. NICKEL
3. PRODUCT SPECIFICATION: PS-5556-001
4. PACKAGING: TRAY PACKED PER PK-5566-002
5. PART MATES WITH MINI-FIT JR. RECEPTACLE NO. 5557
46994, MINI FIT SIGMA/TPA2 NO.200453.
6. PART IS NOT DESIGNED FOR CURRENT SHARING.
7. PARTS ARE NOT TO BE MATED OR UN-MATED WHILE
CIRCUITS ARE LIVE.
8. PART CONFORMS TO CLASS "B" REQUIREMENTS OF
COSMETIC SPECIFICATION PS-45499-002.
9. 5 CIRCUIT PARTS HAVE PEG DESIGN B. ALL OTHER CIRCUIT
SIZES HAVE PEG DESIGN A.

10. TEXT SHOWN IS FOR REFERENCE ONLY. TEXT AND
TEXT LOCATION MAY VARY DEPENDING ON
PART NUMBER AND/OR TOOL



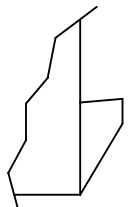
PEG DESIGN B
SEE NOTE 9

PEG DESIGN A
SEE NOTE 9

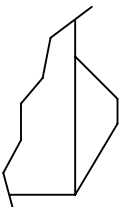


2 CIRCUIT

POSITIVE LOCK

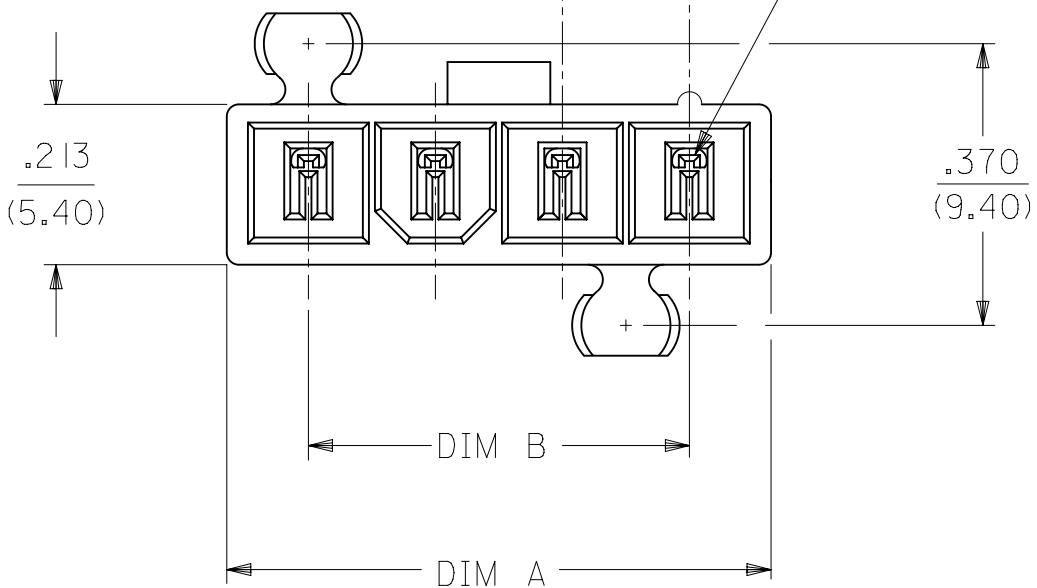


PASSIVE LOCK



LOCK OPTION

.1654
(4.200) TYP.



CIRCUIT NO. 1

LEGEND:

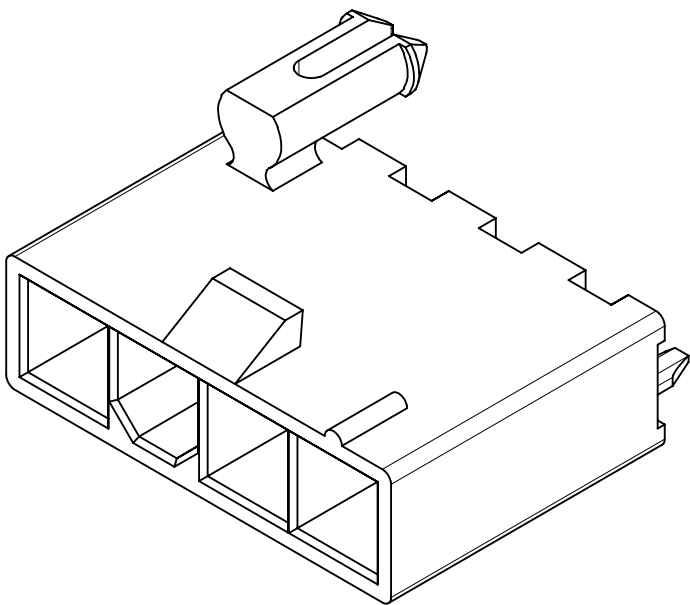
5566 - N A * * - *

CIRCUIT SIZE (04-12)

PEG AND LOCK OPTION
3=MTG. PEGS,POSITIVE LOCK
4=MTG. PEGS,PASSIVE LOCK

PLATING
(SEE NOTE 2)

HOUSING MAT'L
(SEE NOTE 1)



SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																		
 = 0	DIMENSION UNITS		SCALE		CURRENT REV DESC: EC NO: 806008 DRWN: JERRYW8 2024/11/27 CHK'D: XQZHANG 2024/12/09 APPR: XQZHANG 2024/12/09 INITIAL REVISION: DRWN: KSS 1989/02/19 APPR: FSMITH 2012/05/06					molex VERT HDR ASSY W/ PEGS MINIFIT JR SR									
	IN/MM		4:1																
 = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)									PRODUCT CUSTOMER DRAWING									
 = 0																			
 = 0	MM		INCH		DOCUMENT NUMBER 55660001-SD										DOC TYPE		DOC PART	REVISION	
 = 0	4 PLACES ±		±												PSD		000	B1	
 = 0	3 PLACES ±		± 0.015		THIRD ANGLE PROJECTION					DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
 = 0	2 PLACES ± 0.38		± 0.02																
 = 0	1 PLACE ± 0.5		±		C-SIZE		5566		SEE TABLE		GENERAL MARKET		1 OF 3						
 = 0	0 PLACES ±		±																
 = 0	ANGULAR TOL ± 0.5 °																		
= 0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS																		

molex

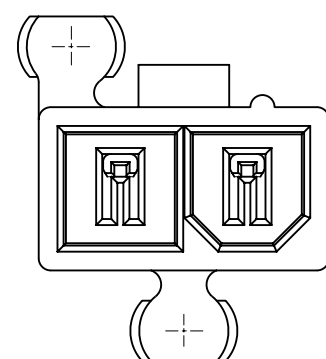
VERT HDR ASSY W/ PEGS MINIFIT JR SR

PRODUCT CUSTOMER DRAWING

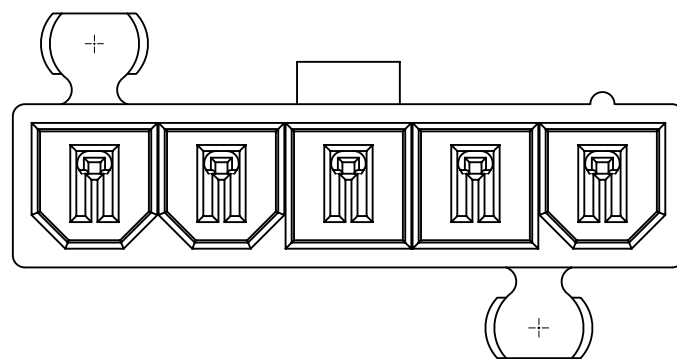
DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
55660001-SD	PSD	000	B1

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE TABLE	GENERAL MARKET	1 OF 3

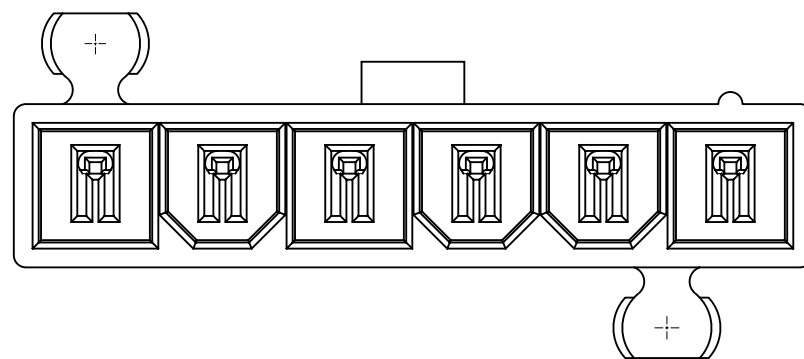
DOCUMENT STATUS	P1	RELEASE DATE	2024/12/09	01:53:09
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2 CIRCUIT

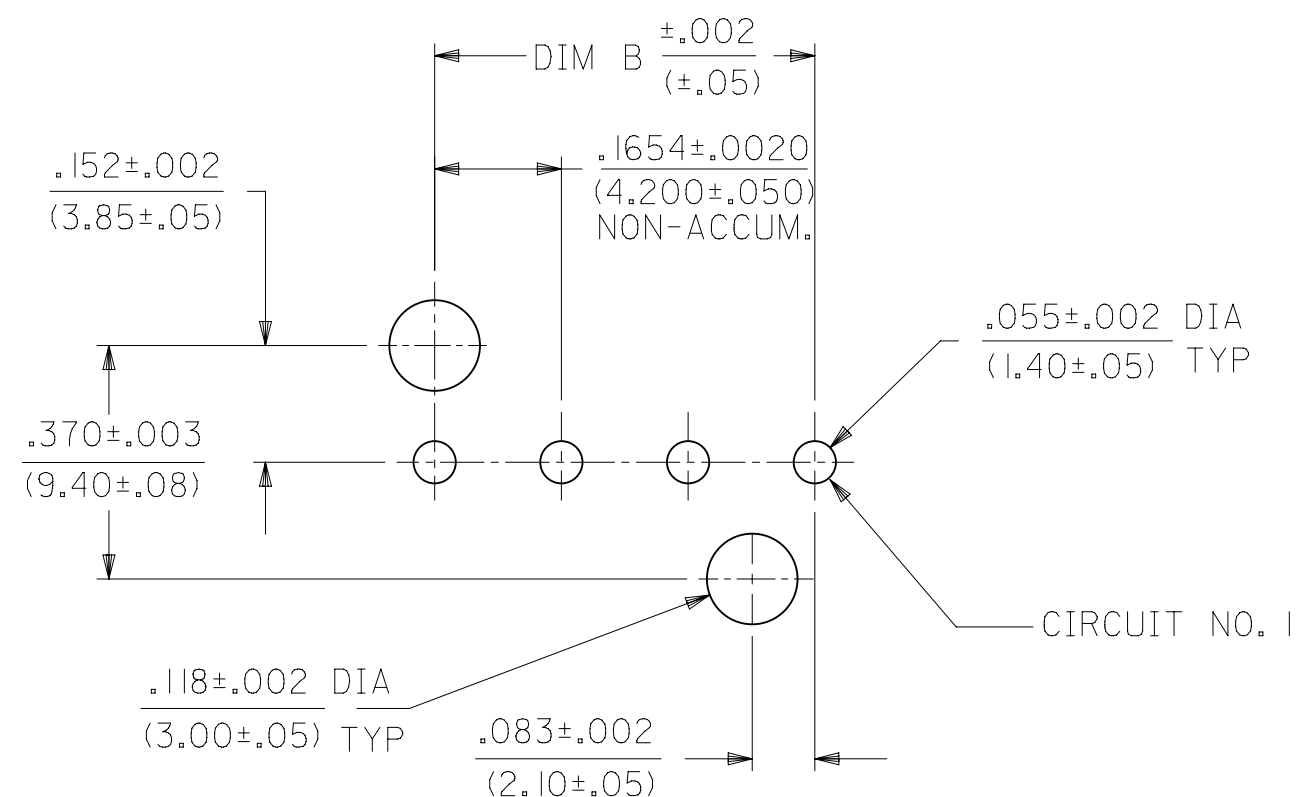


5 CIRCUIT

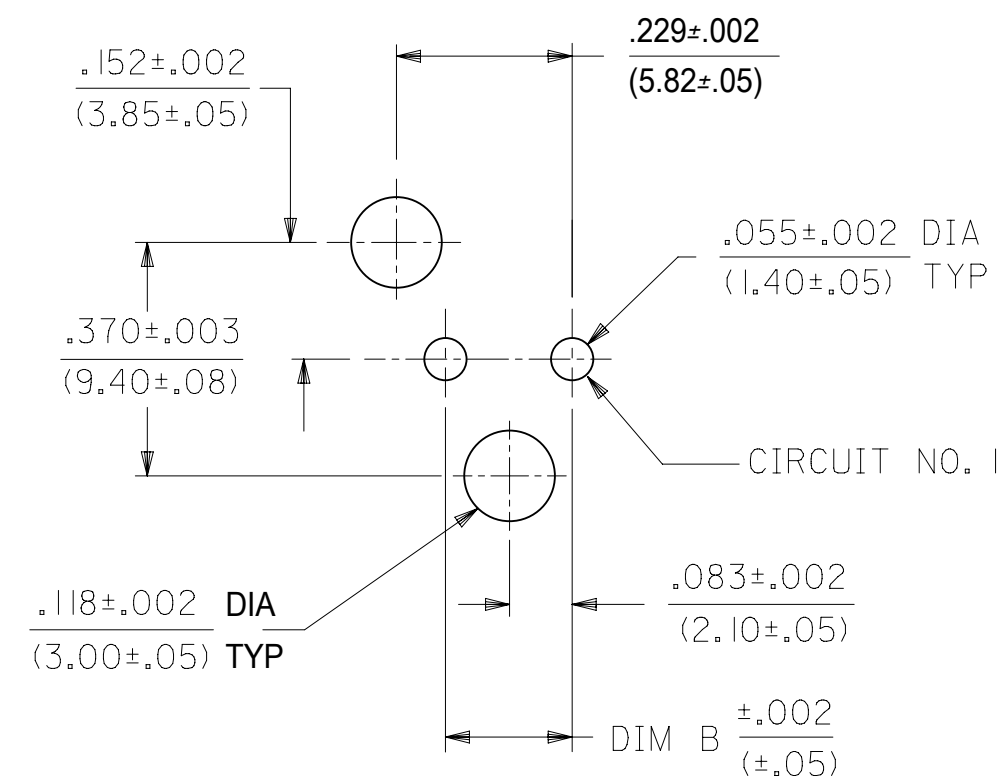


6 CIRCUIT

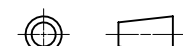
POLARIZATION



RECOMMENDED HOLE LAYOUT FOR
.070/(1.78) MAX. THICK P. C. BOARD
VIEWED FROM COMPONENT SIDE
4-12 CIRCUIT PART



RECOMMENDED HOLE LAYOUT FOR
.070/(1.78) MAX. THICK P. C. BOARD
VIEWED FROM COMPONENT SIDE
2 CIRCUIT PART

SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																	
 = 0	DIMENSION UNITS	SCALE		CURRENT REV DESC:														
	IN/MM	4:1																
 = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)			EC NO: 806008 DRWN: JERRYW8 2024/11/27 CHK'D: XQZHANG 2024/12/09 APPR: XQZHANG 2024/12/09					VERT HDR ASSY W/ PEGS MINIFIT JR SR									
 = 0																		
 = 0		MM	INCH	INITIAL REVISION:					PRODUCT CUSTOMER DRAWING									
	4 PLACES	±	±															
 = 0	3 PLACES	±	± 0.015	DRWN: KSS 1989/02/19 APPR: FSMITH 2012/05/06					DOCUMENT NUMBER 55660001-SD		DOC TYPE PSD	DOC PART 000	REVISION B1					
	2 PLACES	± 0.38	± 0.02															
 = 0	1 PLACE	± 0.5	±	THIRD ANGLE PROJECTION					DRAWING C-SIZE		SERIES 5566		MATERIAL NUMBER SEE TABLE		CUSTOMER GENERAL MARKET		SHEET NUMBER 2 OF 3	
	0 PLACES	±	±															
 = 0	ANGULAR TOL ± 0.5 °																	
 = 0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS																	
 = 0																		

POSITIVE LOCK WITH MTG. PEGS, 94V-2 HOUSING MATERIAL								PASSIVE LOCK WITH MTG. PEGS, 94V-2 HOUSING MATERIAL							
PART NO	ENG NO	CKT SIZE	PLATING OPTION					PART NO	ENG NO	CKT SIZE	PLATING OPTION				
39-30-1049	5566-04A3	4	TIN OVER COPPER					NO E.D.P.	5566-04A4GS	4	30 M.I. SELECT GOLD				
39-30-1059	5566-05A3	5	TIN OVER COPPER					NO E.D.P.	5566-05A4GS	5	30 M.I. SELECT GOLD				
46999-0669	5566-02A3GS	2	30 M.I. SELECT GOLD												
39-30-2041	5566-04A3GS	4	30 M.I. SELECT GOLD												
39-30-2051	5566-05A3GS	5	30 M.I. SELECT GOLD												
39-30-2061	5566-06A3GS	6	30 M.I. SELECT GOLD												
50-36-2453	5566-04A3S	4	BRIGHT TIN OVER NICKEL												
50-36-2454	5566-05A3S	5	BRIGHT TIN OVER NICKEL												
46999-0673	5566-02A3MS	2	MATTE TIN OVER NICKEL												
46999-0610	5566-04A3MS	4	MATTE TIN OVER NICKEL												
46999-0611	5566-05A3MS	5	MATTE TIN OVER NICKEL												
46999-0674	5566-06A3MS	6	MATTE TIN OVER NICKEL												
POSITIVE LOCK WITH MTG. PEGS, 94V-2 BLACK HOUSING															
PART NO	ENG NO	CKT SIZE	PLATING OPTION												
50-29-1528	5566-04A3-BL	4	TIN OVER COPPER												
50-29-1529	5566-05A3-BL	5	TIN OVER COPPER												
26-01-3162	5566-04A3S-BL	4	BRIGHT TIN OVER NICKEL												
26-01-3163	5566-05A3S-BL	5	BRIGHT TIN OVER NICKEL												
POSITIVE LOCK WITH MTG. PEGS, 94V-0 HOUSING MATERIAL															
PART NO	ENG NO	CKT SIZE	PLATING OPTION												
39-30-2040	5566-04A3-210	4	TIN OVER COPPER												
39-30-2050	5566-05A3-210	5	TIN OVER COPPER												
46999-0670	5566-02A3GS-210	2	30 M.I. SELECT GOLD												
39-30-2042	5566-04A3GS-210	4	30 M.I. SELECT GOLD												
39-30-2052	5566-05A3GS-210	5	30 M.I. SELECT GOLD												
39-30-2062	5566-06A3GS-210	6	30 M.I. SELECT GOLD												
50-36-2356	5566-04A3S-210	4	BRIGHT TIN OVER NICKEL												
50-36-2452	5566-05A3S-210	5	BRIGHT TIN OVER NICKEL												
46999-0675	5566-02A3MS-210	2	MATTE TIN OVER NICKEL												
46999-0627	5566-04A3MS-210	4	MATTE TIN OVER NICKEL												
46999-0628	5566-05A3MS-210	5	MATTE TIN OVER NICKEL												
46999-0676	5566-06A3MS-210	6	MATTE TIN OVER NICKEL												
POSITIVE LOCK WITH MTG. PEGS, 94V-0 BLACK HOUSING															
PART NO	ENG NO	CKT SIZE	PLATING OPTION												
46999-0671	5566-02A3GS-400	2	30 M.I. SELECT GOLD												
46999-0506	5566-04A3GS-400	4	30 M.I. SELECT GOLD												
46999-0507	5566-05A3GS-400	5	30 M.I. SELECT GOLD												
46999-0672	5566-06A3GS-400	6	30 M.I. SELECT GOLD												
46999-0677	5566-02A3MS-400	2	MATTE TIN OVER NICKEL												
46999-0577	5566-04A3MS-400	4	MATTE TIN OVER NICKEL												
46999-0578	5566-05A3MS-400	5	MATTE TIN OVER NICKEL												
46999-0678	5566-06A3MS-400	6	MATTE TIN OVER NICKEL												
DOCUMENT STATUS	P1	RELEASE DATE	2024/12/09 01:53:09												

SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION														
	DIMENSION UNITS		SCALE		CURRENT REV DESC:				molex						
	IN/MM		1:1												
	GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 806008 DRWN: JERRYW8 2024/11/27 CHK'D: XQZHANG 2024/12/09 APPR: XQZHANG 2024/12/09				PRODUCT CUSTOMER DRAWING						
		MM	INCH												
	4 PLACES ±		±		INITIAL REVISION:				DOCUMENT NUMBER 55660001-SD			DOC TYPE PSD	DOC PART 000	REVISION B1	
	3 PLACES ±		±	0.015											
	2 PLACES ±		0.38	±	0.02	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION	DRAWING C-SIZE	SERIES 5566	MATERIAL NUMBER SEE TABLE	CUSTOMER GENERAL MARKET	SHEET NUMBER 3 OF 3
	1 PLACE ±		0.5	±											
	0 PLACES ±		±	±											
ANGULAR TOL ±		0.5 °													